

PA-100

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Application No. <u>091690,1647</u>	Prepared by <u>JB</u>	Tracking Number <u>5995793</u>	
Examiner-GAU <u>LeGwyader-1635</u>	Date <u>9/2/04</u>	Week Date <u>8/16/04</u>	
	No. of queries <u>1</u>	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

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	<b>RESPONSE</b>
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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)Docket Number (Optional)  
TUV-005 01Application Number  
09:690,647Applicant  
Andrew S. GreenbergFiling Date  
10-17-00Group Art Unit  
1635APR 29 2002  
PATENT & TRADEMARK OFFICE

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

EA	Engelman et al. (2000). <i>Tumor Necrosis Factor <math>\alpha</math>-Mediated Insulin Resistance, but Not Dedifferentiation, is Abrogated by MEK1/2 Inhibitors in 3T3-L1 Adipocytes</i> . MOLECULAR ENDOCRINOLOGY 14(10):1557.
EB	Souza et al. (1998). <i>Overexpression of Perilipin A and B Blocks the Ability of Tumor Necrosis Factor <math>\alpha</math> to Increase Lipolysis in 3T3-L1 Adipocytes</i> . J. BIOL. CHEM. 273(38):24665.
EC	Edelstein Rosenbaum and Greenberg (1998). <i>The Short- and Long-Term Effects of Tumor Necrosis Factor-<math>\alpha</math> and BRL 49653 on Peroxisome Proliferator-Activated Receptor (PPAR) <math>\gamma</math>2 Gene Expression and Other Adipocyte Genes</i> . MOLECULAR ENDOCRINOLOGY 12(8):1150.
ED	Greenberg et al. (1993). <i>Isolation of cDNAs for Perilipins A and B: Sequence and Expression of Lipid Droplet-Associated Proteins of Adipocytes</i> . PROC. NATL. ACAD. SCI. USA 90:12035.
EE	Egan et al. (1992). <i>Mechanism of Hormone-Stimulated Lipolysis in Adipocytes: Translocation of Hormone-Sensitive Lipase to the Lipid Storage Droplet</i> . PROC. NATL. ACAD. SCI. USA 89:8537.
EF	Camp et al. (1999). <i>c-Jun N-Terminal Kinase Phosphorylates Peroxisome Proliferator-Activated Receptor-<math>\gamma</math>1 and Negatively Regulates its Transcriptional Activity</i> . ENDOCRINOLOGY 140(1):392.

LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)ATTY DOCKET NO.  
TUV-005.01APPLICATION NO  
09/690,647APPLICANT  
Greenberg, A.S.FILING DATE  
October 17, 2000GROUP  
1635

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EG	5,534,426	7/9/96	Karin et al.			
EH	5,593,884	1/14/97	Karin et al.			
EI	5,804,399	9/8/98	Karin et al.			
EJ	5,837,244	11/17/98	Karin et al.			
EK	5,994,513	11/30/99	Karin et al.			
EL	6,001,584	12/14/99	Karin et al.			
EM	6,193,965	2/27/01	Karin et al.			
EN	6,342,595	1/29/02	Karin et al.			
EO	6,514,745	2/4/03	Karin et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EP	Aguirre et al. The c-Jun NH(2)-terminal kinase promotes insulin resistance during association with insulin receptor substrate-1 and phosphorylation of Ser(307). J Biol Chem. 2000 Mar 24;275(12):9047-54
EQ	del Aguila et al. TNF-alpha impairs insulin signaling and insulin stimulation of glucose uptake in C2C12 muscle cells. Am J Physiol. 1999 May;276(5 Pt 1):E849-55
ER	Hotamisligil et al. Mechanisms of TNF-alpha-induced insulin resistance. Exp Clin Endocrinol Diabetes. 1999;107(2):119-25. Review
ES	Le Marchand-Brustel, Y. Molecular mechanisms of insulin action in normal and insulin-resistant states. Exp Clin Endocrinol Diabetes. 1999;107(2):126-32. Review
ET	Liu et al. Tumor necrosis factor-alpha acutely inhibits insulin signaling in human adipocytes: implication of the p80 tumor necrosis factor receptor. Diabetes. 1998 Apr;47(4):515-22
EU	Shin et al. An inhibitor of c-jun aminoterminal kinase (SP600125) represses c-Jun activation, DNA-binding and PMA-inducible 92-kDa type IV collagenase expression. Biochim Biophys Acta. 2002 May 8;1589(3):311-6
EV	Spiegelman et al. Regulation of adipocyte gene expression in differentiation and syndromes of obesity/diabetes. J Biol Chem. 1993 Apr 5;268(10):6823-6. Review
EW	Valverde et al. Tumor necrosis factor-alpha causes insulin receptor substrate-2-mediated insulin resistance and inhibits insulin-induced adipogenesis in fetal brown adipocytes. Endocrinology. 1998 Mar;139(3):1229-38

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.